MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

MARCH 1923

J. A. BROWN, DIRECTOR

PRINTED AT THE UNIVERSITY PRESS

MARCH 1923

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min. on grass		
1	761.0	759.4	758.0	759.5	19.8	12.1	7.2		
2	58.7	9.0	9.8	9.2	16.9	11.7	8.8		3.17
3	60.4	8.8	9.5	9.6	14.9	8.7	6.4		60.43
4	3.6	64.4	66.4	64.8	17.8	8.9	5.5		17.77
5	6.5	2.4	3.2	4.0	17.0	10.6	5.4		
6	59.9	57.7	56.9	58.2	19.4	11.9	5.3		
7	7.6	8.7	9.9	8.4	18.3	13.8	5.7		
8	60.0	61.0	62.9	61.3	17.8	10.8	4.7		5.45
9	4.8	4.2	4.1	4.4	17.7	11.8	6.1		
10	1.9	0.1	0.0	0.7	18.8	11.7	9.1		
11	1.5	1.5	1.9	1.6	20.9	13.3	7.4		
12	2.7	2.6	2.9	2.7	24.1	14.9	9.4		
13	3.4	2.7	2.3	2.8	26.1	18.2	10.5		
14	59.0	2.3	3.1	1.5	28.8	17.5	9.4		
15	62.7	1.4	1.8	1.0	18.7	12.8	8.0		
16	2.2	1.9	2.3	2.1	18.7	13.5	8.0		0.25
17	2.5	0.8	0.2	1.2	17.9	11.9	5.7		
18	56.1	52.4	52.4	53.7	19.9	13.6	9.7		1.78
19	1.2	2.6	7.6	3.8	19.9	14.4	10.9		11.69
20	7.3	7.8	69.7	8.6	17.1	12.7	8.4		16.51
21	62.5	62.3	3.6	62.8	17.1	10.8	7.6		10.92
22	4.4	3.4	3.4	3.7	15.7	9.4	4.9		
23	2.1	0.6	1.1	1.3	18.2	11.2	5.6		
24	0.0	0.2	1.2	0.5	17.8	14.1	8.5		
25	2.3	2.8	4.0	3.0	17.8	11.1	5.2		
26	4.4	3.2	3.0	3.5	17.2	11.2	5.1		
27	2.2	2.4	3.6	2.7	17.7	12.2	5.6		
28	3.5	2.6	1.0	2.4	17.7	12.2	6.5		
29	0.1	59.4	59.8	59.8	19.9	12.9	6.6		
30	0.0	60.4	1.0	60.5	19.5	12.8	8.2		
31	0.8	0.3	59.9	0.3	18.5	12.1	7.1		
	761.2	760.6	761.2	761.0	18.9	12.4	7.5		128.0

BAROMETER

Maximum	766.5	on 5th
Minimum	751.2	on 19th

THERMOMETER

Maximum	28.8	on 14th
Minimum	8.7	on 3rd
Minimum on grass	4.7	on 8th

RAINFALL

Maximum 60.43 mm. on 3rd

Number of days with rain 9 thunderstorms 0 fog 0 gale 0

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METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	16.3	19.7	15.2	17.1	13.0	13.8	11.6	9.3	8.7	8.3	8.8	67	51	65	61
2	13.3	16.3	14.0	14.6	11.8	12.6	12.8	9.4	8.8	10.3	9.5	83	64	87	78
3	9.6	10.6	10.0	10.1	9.3	9.6	9.0	8.6	8.3	8.0	8.3	97	86	87	89
4	14.8	17.6	12.8	15.1	12.7	13.5	10.9	9.7	9.1	10.9	9.9	77	63	79	73
5	15.1	16.8	15.5	15.8	11.1	14.0	13.3	7.8	10.2	10.2	9.4	60	72	77	70
6	16.1	19.9	17.5	17.8	12.7	15.5	11.6	9.1	10.5	7.2	8.7	67	60	49	59
7	17.1	17.2	12.8	15.7	15.4	13.4	10.6	11.9	9.2	8.3	9.8	82	63	75	73
8	14.9	17.0	13.7	15.2	12.0	14.4	12.1	8.8	10.6	9.5	9.6	70	74	82	75
9	15.8	17.2	15.5	16.2	13.0	14.1	13.3	9.5	9.9	10.1	9.8	71	65	77	71
10	15.9	18.3	15.7	16.6	13.6	14.2	13.5	10.1	9.6	10.2	10.0	75	61	77	71
11	17.3	20.6	16.7	18.2	15.4	16.8	14.5	11.8	11.8	10.9	11.5	80	65	78	74
12	23.0	20.9	21.3	21.7	15.2	16.9	12.8	9.1	11.8	7.1	9.3	45	64	37	49
13	22.8	21.3	19.2	21.1	14.3	15.7	12.8	8.2	10.1	8.9	9.1	39	53	54	49
14	25.7	24.6	15.4	21.2	17.6	17.1	12.7	10.1	10.3	9.3	9.9	38	44	71	51
15	16.3	18.1	14.6	16.3	13.3	14.7	12.2	9.7	10.3	9.2	9.7	70	67	74	70
16	16.7	18.0	14.2	16.3	13.8	13.9	12.0	10.0	9.4	9.2	9.5	70	61	77	69
17	16.3	17.7	15.1	16.4	12.8	11.1	13.2	9.0	6.8	10.2	8.7	65	45	80	63
18	18.3	18.9	19.9	18.7	16.3	16.3	13.8	12.3	12.7	8.6	11.2	79	82	49	70
19	19.4	18.4	15.5	17.8	15.2	15.6	13.4	10.4	11.4	10.2	10.7	62	73	78	71
20	13.1	14.9	12.2	13.4	11.9	12.7	11.6	9.7	9.5	9.8	9.7	86	75	93	85
21	11.3	13.9	13.0	12.7	10.7	10.4	10.7	9.2	7.5	8.3	8.3	92	64	74	77
22	13.6	15.4	14.8	14.6	9.2	10.6	9.4	6.6	7.2	6.3	6.7	56	55	50	54
23	15.8	17.6	15.2	16.2	12.8	10.7	9.9	9.3	6.5	6.7	7.5	70	44	52	55
24	16.2	17.6	15.3	16.4	12.8	12.8	12.1	9.0	8.4	8.7	8.7	66	56	68	63
25	16.4	17.7	15.5	16.5	12.2	12.9	12.2	8.3	8.5	8.7	8.5	60	57	67	61
26	15.7	17.1	15.4	16.1	13.2	11.6	11.7	9.9	7.4	8.2	8.5	74	51	63	63
27	16.4	17.1	15.2	16.2	13.4	12.2	11.7	12.1	13.0	13.5	12.9	70	56	64	63
28	15.8	12.2	16.6	16.5	12.1	13.0	13.5	8.5	8.8	9.6	9.0	63	61	69	64
29	17.5	19.5	15.6	17.5	14.4	15.1	14.4	10.3	10.2	11.5	10.7	70	61	88	73
30	17.1	19.3	14.0	16.8	14.4	15.1	12.3	10.6	10.3	9.7	10.2	73	62	81	72
31	16.4	18.1	15.2	16.6	13.5	14.4	13.2	9.8	8.5	10.0	9.4	70	65	78	71
	16.5	17.2	15.2	16.5	13.3	13.8	12.2	9.5	9.5	9.3	9.4	69.6	62.0	71.0	67.5

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Height of Rain Guage: above ground 0.56 m.; above sea level m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

MARCH 1923

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	2s	1s	3s	2.0	0	1	0	226.6	v. slight	few drops 8
2	10n	4	7cu n	7.0	2	3	1	248.0	,,	a.m.
3	10n	10n	10n	10	0	3	1	422.6	slight	
4	2	2	1	1.7	0	0	0	515.2	,,	
5	0	6s	0	2.0	0	2n	2ne	70.8	calm	
6	0	0	0	0	0	0	0	270.4	,,	
7	7cu s	2	0	3.0	1	2	0	122.3	,,	
8	10n	6cu n	0	5.3	2	2	0	272.3	v. slight	
9	5cu s	0	0	1.7	1	1	2ne	228.0	calm	
10	0	0	0	0	0	0	0	319.8	,,	
11	0	1s	0	0.3	0	0	0	158.2	,,	
12	8s	0	0	2.7	2e	1n	2e	182.6	,,	sirocco
13	0	0	0	0	2se	1ne	0	312.7	,,	,,
14	0	10s	0	3.3	2e	3-	1	276.3	v. slight	,,
15	10n	0	1n	3.7	0	1nw	0	159.6	,,	
16	8cu s	1	0	3.0	0	2	0	103.8	calm	
17	0	10s	10n s	6.7	1	2	0	182.8	,,	few drops 8
18	10s	10n s	10n s	10	2n	3n	1	153.1	v. slight	a.m.
19	6cu n	10n	10n	8.7	4	3	3	426.1	slight	
20	10n	10n	10n	10	3	2	0	503.7	,,	
21	10n	8cu s	0	6.0	1	2n	0	308.5	,,	
22	0	1s	10n s	3.7	3ne	3ne	4ne	230.4	,,	
23	10cu s	1s	10n	7.0	1	1n	0	487.0	v. slight	
24	0	0	0	0	2n	1n	0	291.6	,,	
25	0	0	0	0	0	1n	0	199.4	calm	
26	0	0	4	1.3	0	3n	3n	209.4	slight	
27	0	0	0	0	3n	2n	2n	407.3	,,	
28	0	0	9cu s	3.0	0	1ne	1ne	330.7	calm	few drops 10
29	10cu ci	0	10	6.7	0	1	0	167.6	,,	p.m.
30	0	0	0	0	1	1	0	133.4	,,	
31	0	7	10	5.7	0	1	0	116.9	,,	
				3.7				259.5		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	3	1	2	1	0	10	0	0	14
2:30	9	3	0	0	0	14	0	1	4
8:30	2	4	1	0	0	5	0	0	19
Totals	14	8	3	1	0	29	0	1	37

N.B.—Cloud numbers without letters are all cu.

Wind ,, ,, ,, ,, ,, sw.